



IRTHLINGBOROUGH
URBAN DISTRICT



ANNUAL REPORT

of the

Medical Officer of Health

for the

Year 1967



F. R. N. LYNCH, M.B., B.CH., B.A.O., D.P.H.

Together with the Report of

E. K. PHILPOT, F.F.S., Cert.R.S.I.



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Irthlingborough Urban District Council.

Chairman of the Council:

DR. I. J. R. MUSSON

Members of the Public Health Committee:

MRS. P. M. MITFORD-BARBERTON (Chairman), B. BRIGHTWELL, C. E.
GRIMMER, D. C. LEE, L. A. PACK, H. K. WOOLSEY

Health Department Staff:

Medical Officer of Health,
R. F. MCKNIGHT, M.A., M.R.C.S., L.R.C.P., D.P.H.,
D.T.M. & H. (to 31st May, 1967)

Acting Medical Officer of Health:

F. R. N. LYNCH, M.B., B.CH., B.A.O., D.P.H.,
(from 1st June, 1967)

Also holds the appointments of Medical Officer of Health for:

Burton Latimer, Corby, Desborough and Rothwell Urban Districts
and Kettering Rural District
Assistant County Medical Officer and School Medical Officer
Acting Medical Officer of Health for Wellingborough Urban and
Wellingborough Rural Districts

Secretary:

Miss J. PEARSON

Public Health Inspector, Meat Inspector, Surveyor etc.

E. K. PHILPOT, F.F.S., CERT. R.S.I.

Telephone:
Office: Wellingborough 5741.
Home: Broughton 417.

Health Department,
Swanspool,
Wellingborough.
February, 1969.

**To the Chairman and Members of the Urban District Council of
Irthlingborough.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present to you my Annual Report on the Health and Sanitary Circumstances of the Urban District of Irthlingborough for the year 1967.

The Health Statistics of the District are satisfactory. The Standardised Birth Rate and Death Rate compare favourably with the rates supplied by the Registrar General for England and Wales.

Apart from Measles, little Infectious Disease occurred : nearly 140 cases of Measles were notified.

Malignant Diseases claims the usual large slice of the total mortality ; Heart Disease of one kind or another, being, of course, the largest contributor as a cause of death.

It is a pleasure to acknowledge the help that I have received from the Clerk of the Council and the Surveyor and Public Health Inspector in preparing this review of 1967.

I am also grateful to the Chairman and Members of the Public Health Committee for their support.

I would like to express my thanks to my Secretary, Miss Langley, for typing and checking the draft of the document.

I have the honour to be,
Your obedient Servant,
F. R. N. LYNCH.
Acting Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

Comparative Statistics for the Five Year Period 1962 to 1967

		1963	1964	1965	1966	1967
Area of the Urban District (acres)	...	2,910	2,910	2,910	2,910	2,910
Population						
(Registrar General's Estimate)	...	5,200	5,160	5,180	5,230	5,290
Number of Live Births	...	91	85	76	103	120
Legitimate	...	88	83	71	96	113
Illegitimate	...	3	2	5	7	7
Birth rate per 1,000 population	...	17.50	16.47	14.69	19.69	22.68
Number of Stillbirths	...	2	1	—	—	1
Legitimate	...	2	1	—	—	—
Illegitimate	...	—	—	—	—	1
Stillbirth rate per 1,000 total births	...	21.59	11.63	—	—	8.26
Stillbirth rate per 1,000 population		0.37	0.19	—	—	0.18
Number of Deaths	...	54	41	49	63	70
Death rate per 1,000 population	...	10.33	7.94	9.46	12.04	13.2
Deaths from Pregnancy, Childbirth, and Abortion	...	—	—	—	—	—
Number of Infant Deaths	...	1	—	—	1	1
Infant Mortality rate per 1,000						
Live Births	...	10.98	—	—	9.70	8.26
Neonatal Mortality rate per 1,000						
Live Births	...	10.98	—	—	—	—
Perinatal Mortality rate (Stillbirths and deaths under one week combined per 1,000 total Live and Stillbirths)	...	32.25	—	—	—	8.26
Deaths from all forms of Tuberculosis		1	1	—	—	1
Deaths from Respiratory Tuberculosis		1	1	—	—	1
Deaths from Malignant Neoplasms	...	10	8	11	13	13
Deaths from Measles (all ages)	...	—	—	—	—	—
Deaths from Whooping Cough						
(all ages)	...	—	—	—	—	—
Deaths from Enteritis and Diarrhoea under two years of age	...	—	—	—	—	—
Deaths from Acute Poliomyelitis and Polioencephalitis	...	—	—	—	—	—
Natural increase in population, i.e., increase of Births over Deaths	...	37	44	27	40	50

SECTION A.

General Statistics of the Area

Area (acres)	...	...	...	...	...	...	...	2,910
Census Population 1951 :	...	...	...	...	...	...	...	5,015
1961 :	...	...	...	...	...	...	...	5,125
Population (Registrar General's Mid-year Estimate 1967)	...							5,290
Number of Inhabited Houses 1931 :	...	...	...	...	...	...	...	1,208
1967 :	...	...	...	...	...	...	...	1,935
Rateable Value	...	...	...	...	...	...	...	£203,565
Product of Penny Rate	...	...	...	...	...	...	...	£805

EXTRACTS FROM VITAL STATISTICS, 1967

						<i>Males</i>	<i>Females</i>	<i>Total</i>				
Live Births												
Legitimate	...	...	...	...	...	52	61	113
Illegitimate	...	...	...	...	...	3	4	7
<i>Totals</i>	...	...	...	...	...	55	65	120
Crude Birth Rate per 1,000 estimated population								22.68				
Adjusted Birth Rate (comparability factor 1.03)								23.36				
Stillbirths												
Legitimate	...	...	...	...	...	—	—	—
Illegitimate	...	...	...	...	...	1	—	1
<i>Totals</i>	...	...	...	...	...	1	—	1
Rate per 1,000 total births (live and still)						...		8.26				
Deaths												
Number registered all causes						34	36	70	
Crude death rate per 1,000 estimated population										13.21		
Adjusted Death Rate (comparability factor 0.85)										13.73		
Deaths from Maternal causes										Nil		
Maternal Mortality Rate per 1,000 live and stillbirths										—		
Deaths of Infants (under 1 year)						1	—	1	
Infant Mortality Rate per 1,000 live births										8.0		
Legitimate infants per 1,000 legitimate live births						8.8	
Illegitimate infants per 1,000 illegitimate live births						—	
Deaths of Infants (under 4 weeks)						—	—	—	
Neonatal Mortality Rate per 1,000 live births						...					—	
Perinatal Mortality Rate per 1,000 live and stillbirths (stillbirths and deaths of infants under 1 week combined)								8.0

CLASSIFICATION OF CAUSES OF DEATH DURING 1967

					Males	Females	Total
1.	Tuberculosis, respiratory	...	...	...	1	—	1
2.	Tuberculosis, other	...	...	...	—	—	—
3.	Syphilitic disease	...	...	...	—	—	—
1.	Diphtheria	...	...	...	—	—	—
5.	Whooping Cough	...	...	...	—	—	—
6.	Meningococcal infections	...	...	...	—	—	—
7.	Acute Poliomyelitis	...	...	...	—	—	—
8.	Measles	...	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	...	—	—	—
10.	Malignant neoplasm, stomach	...	...	...	2	2	4
11.	Malignant neoplasm lung, bronchus	...	...	...	2	—	2
12.	Malignant neoplasm, breast	...	...	...	—	1	1
13.	Malignant neoplasm, uterus	...	...	...	—	1	1
14.	Other malignant and lymphatic neoplasms	...	...	...	1	4	5
15.	Leukaemia, aleukaemia	...	...	...	—	—	—
16.	Diabetes	...	...	...	—	2	2
17.	Vascular lesions of nervous system	...	...	...	3	5	8
18.	Coronary disease, angina	...	...	...	9	9	18
19.	Hypertension with heart disease	...	...	...	—	1	1
20.	Other heart disease	...	...	...	5	7	12
21.	Other circulatory disease	...	...	...	2	2	4
22.	Influenza	...	...	...	—	—	—
23.	Pneumonia	...	...	...	—	—	—
24.	Bronchitis	...	...	...	2	1	3
25.	Other diseases of respiratory system	...	...	...	—	—	—
26.	Ulcer of stomach and duodenum	...	...	...	—	—	—
27.	Gastritis, enteritis and diarrhoea	...	...	...	—	—	—
28.	Nephritis and nephrosis	...	...	...	—	—	—
29.	Hyperplasia of prostate	...	...	...	—	—	—
30.	Pregnancy, childbirth, abortion	...	...	...	—	—	—
31.	Congenital malformations	...	...	...	—	—	—
32.	Other defined and ill-defined diseases	...	...	...	3	—	3
33.	Motor vehicle accidents	...	...	...	1	—	1
34.	All other accidents	...	...	...	1	1	2
35.	Suicide	...	...	...	—	—	—
36.	Homicide and operations of war	...	...	...	2	—	2
TOTALS					34	36	70

COMMENTS ON VITAL STATISTICS

1. Population—The Registrar General's mid-year estimate of population i.e., 30th June, 1967, is 5,290. The corresponding figure for 1966 was 5,230 giving an increase in population of 60 in the 12 months.

By subtracting the Natural Increase, i.e., a figure which represents the excess of births over deaths and the value of which for the current year is 50, from the overall increase in population we arrive at the figure of 10 persons and this number gives the total amount of immigration into the town during the year. The density of population is 1.8 persons per acre and the Housing Factor is 2.7 persons per house.

2. Births—There were 120 live births in 1967, which is an increase of 17 in the number registered for the previous year. This gives a Crude Birth Rate of 22.68 per 1,000 population. The corresponding figure for 1966 was 19.69.

It will be apparent that the Birth Rate and Death Rate in any place is influenced by the age and sex distribution of the population so that in order that more exact comparisons can be made between one area and another the actual Rate is multiplied by a number called the Comparability Factor, the result being known as the Adjusted, or Corrected Rate. These Comparability Factors are supplied by the Registrar General and are based on the age and sex distribution as shown by the Census. For Irthlingborough the Birth Rate Comparability Factor is 1.03 and the Corrected Birth Rate standardised on the basis of age and sex composition therefore gives an Adjusted Rate of 23.36. The Adjusted Birth Rate of 23.36 compares with 20.28 for 1966 and the Provisional Crude Rate for England and Wales of 17.2.

3. Deaths—There were 70 deaths from all causes in 1967. The figure for last year was 63 and the corresponding Crude Death rates are 13.2 and 12.04. In the same way as described in the case of 2. Births, above, the Death Rate is standardised by the use of a further Comparability Factor. Its value for Irthlingborough is 1.04 and the Adjusted Death Rate corrected by means of this calculation is found to be 13.73. The provisional Crude Rate for England and Wales as a whole is reckoned by the Registrar General to be 11.2. Reference to page 7 and Table No. 1 in Section H will show the total number of deaths classed to 36 causes.

Death Rates, 1946-67

<i>Irthlingborough</i>					<i>England & Wales</i>
<i>Year</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Recorded Rate</i>	<i>Recorded Rate</i>
1946	51	23	28	10.85	11.5
1947	59	26	33	12.26	12.0
1948	55	29	26	11.7	10.8
1949	75	39	36	15.09	11.7
1950	47	26	21	9.65	11.6
1951	62	28	34	12.30	12.5
1952	58	32	26	11.60	11.3
1953	47	28	19	9.23	11.4
1954	48	30	18	9.39	11.3
1955	53	24	29	10.39	11.7
1956	71	36	35	13.92	11.7
1957	55	24	31	10.82	11.5
1958	48	21	27	9.33	11.7
1959	57	35	22	11.04	11.6
1960	61	32	29	11.70	11.5
1961	61	36	25	11.79	12.0
1962	62	27	35	11.90	11.9
1963	54	29	25	10.33	12.2
1964	41	21	20	7.91	11.3
1965	49	26	23	9.46	11.5
1966	63	41	22	12.01	11.7
1967	70	31	39	13.2	11.2

4. Infant Mortality—The number of infants dying in the first year of life is one, and this gives an Infant Mortality Rate of 8.0 per 1,000 live births. The corresponding figure for 1966 was 9.70 and the provisional rate for England and Wales as a whole is 18.3.

Causes of Infant Death with age and sex was as follows :

<i>Age</i>	<i>Sex</i>	<i>Cause of death</i>
6 weeks	M	Found drowned at Irthlingborough on the 29th December, 1966. Defendant convicted of infanticide.

5. Stillbirths—The number of Stillbirths in 1967 was one. The Stillbirth Rate is 8.0 per 1,000 total births. The rate for 1966 was Nil as no Stillbirths occurred in that year. The current rate for England and Wales is 14.8.

Particulars of this death are given below :

<i>Sex</i>	<i>Cause of Death</i>
M	Premature Labour. Placental insufficiency

6. Disposal of the Dead—of the 70 deaths during the year, 40 bodies were disposed of by cremation at Kettering Crematorium, giving a percentage of 57.1.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES.

Laboratory Service—Two laboratories serve the area, the Public Health Laboratory at Northampton which comes under Dr. Hoyle and the laboratory at Kettering General Hospital which comes under Dr. Voss. Irthlingborough is also served by a laboratory at Rushden Memorial Hospital and Park Hospital, Wellingborough, which is a branch of the Kettering Laboratory. The examination of routine water samples, milk, washed bottle rinses and churn rinses are carried out at Northampton. All the laboratories examine samples associated with the control of communicable diseases.

Ambulance Service, Home Nursing and Home Help Service—The County Council are responsible for these services and the area is well covered.

Hospital Accommodation and Out-patient Facilities—The Oxford Regional Hospital Board is responsible for these services which are as follows :

General hospitals are as follows :

Northampton.

Kettering.

Wellingborough Hospital : Gynæcological.

Highfield Hospital Wellingborough : Acute medical cases, skins and children.

Wellingborough Park Hospital : Chronic sick, the aged, and persons in need of care and attention.

Maternity : Maternity block at the Park Hospital, Wellingborough.

Tuberculosis : The Rushden Hospital.

Orthopædic : The Manfield Orthopædic Hospital, Northampton.

Infectious diseases : The Harborough Road Hospital, Northampton.

Out-patient facilities : Northampton and Kettering General Hospitals, Rushden Memorial Hospital, Rushden.

Psychiatric Out-patients : Rock Street, Wellingborough.

Orthopædic Out-patients : Rock Street, Wellingborough.

Infant Welfare Centres—The County Council are responsible for these centres and the following sessions are held :

Community Centre, Addington Road Estate—1st Thursday.

Methodist Schoolroom—Every Monday.

National Assistance Act 1948 and National (Assistance Amendment) Act, 1951 S. 47— Under Section 47 of this Act the Council is responsible for the removal to suitable premises of any persons in need of care and attention who are unable to receive this in their own homes. During the year under review no action was necessary under this Act.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply—Since the 1st April, 1965 the Urban District has received its water supply from the Mid-Northamptonshire Water Board and the chief sources of supply for this Board are from reservoirs situated at Pitsford assisted by Cransley, Thorpe Malsor, Ravensthorpe and Hollowell. Pitsford is situated about 12 miles West of Irthlingborough in a valley on a tributary of the Brampton branch of the River Nene. The gathering grounds cover about nineteen square miles and are mostly agricultural land with a certain amount of ironstone quarrying. When full this reservoir will hold about 4,000 million gallons. Pitsford is now supplemented by Grafham water reservoir. Treatment consists of the raw water flowing to a pumping station below the dam from where it is pumped to the treatment works. These works consist of a chemical block, reaction tanks, filters, filtered water tank and pumping station. The water is first softened and then passed through open rapid gravity filters and then to the filtered water tank for sterilisation by chlorine. Water thus treated is pumped to three trunk mains for distribution.

Fluoride content of the water—The water supply contains 0.25 parts of naturally occurring Fluorine per million parts of water.

Water Samples—72 samples were taken during the period to the 31st March, 1968, and the results were as follows :

<i>No. of samples</i>	<i>Very satisfactory</i>	<i>Satis- factory</i>	<i>Suspicious</i>	<i>Unsatis- factory</i>
72	53	10	4	5

Piped Water Supply—All houses have a piped water supply with the exception of three houses in outlying districts.

Drainage, Sewerage and Sewage Disposal—Sewage Works—The total quantity of crude sewage dealt with at these works during the year was 140,306,000 gallons which gives a daily average of 381,660 gallons.

An analysis of final effluent from these works taken on the 20th November 1967 gave the following results :

20th November, 1967

						Milligrams/ litre
Total solids dried at 105°C	...	...	...	...	...	...
Suspended solids dried at 105°C	...	...	...	...	...	100
Suspended solids ashed at 600°C	...	...	...	...	...	20
Chlorides as Chlorine	...	...	...	...	...	464
Alkalinity as Calcium Carbonate	...	...	...	...	...	400
Free and Saline Ammonia as Nitrogen	...	...	...	...	...	10.25
Albuminoid Ammonia as Nitrogen	...	...	...	...	...	—
Nitrites as Nitrogen	...	...	...	...	...	trace
Nitrates as Nitrogen	...	...	...	...	...	nil
Permanganate Value (4 hours)	...	...	...	...	...	27.0
Biochemical Oxygen Demand in 5 days at 20°C	...	...	...	...	...	75

Remarks

Not complying with prescribed conditions.

Public Cleansing—Refuse is collected weekly and controlled tipping is carried out at the Council's tip off Windmill Road. 704 loads were collected during the year.

Prevention of Damage by Pests Act, 1947—The following is a summary of work carried out during the year :

Sewage works	...	...	...	...	...	Two treatments
Refuse tip	...	...	...	...	...	Two treatments

Surveys and inspections :

Private dwellings	...	...	...	...	...	743
Other premises	...	...	...	...	...	139
Agricultural premises	...	...	...	...	...	1

Properties treated :

Private dwellings	...	...	...	...	...	15
Other premises	...	...	...	...	...	7
Agricultural Premises	...	...	...	...	...	1

Caravan Sites and Control of Development Act, 1960—There are no licensed caravan sites in the area.

SECTION D.

HOUSING.

The Council's housing programme for the year was as follows :

Number of Council houses built	...	...	19
Number under construction at the end of the			
year	...	...	Nil

Private Development :

Number of private houses built during the year	2
Number under construction at the end of the	
year	2

At the end of the year there were 132 applicants for Council houses, which shows an increase of 17 on the figure at the end of 1966. The number of Council houses in the district is 748. The number of Council houses, including East Midland Housing Accommodation, erected since 1945 is 488.

Clearance of Unfit Properties—Three properties were the subject of Closing Orders during the year. As a result of these and previous orders 6 properties were demolished.

Improvements Grants—During the year under review 17 applications for Improvement Grants were received. These grants comprised 16 Standard Grants and 1 Discretionary Grant and all were approved. This is 7 more than in the previous year. None of the Standard Grants were in respect of tenanted property.

Since Improvement Grants were commenced the number of applications received total 241 of which number 240 were approved, but eight were withdrawn or not proceeded with.

Work has been carried out and grants paid in respect of 211 dwellings. The total amount of money paid to 31.12.67 was £25,574.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Milk—There is no large dairy or pasteurising plant in the district.

Milk Samples—8 milk samples were taken with the following results :

Methylene Blue Test, passed 8

Phosphatase Test, passed 8

The general public should assist the milk trade by ensuring that all milk bottles are returned in a clean condition and these bottles should not be used for any other purpose.

The following licences were issued during the year :

Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949, dealers' licences	5
Milk (Special Designations) (Raw Milk) Regulations 1949, licences	1
Supplementary dealers' licences	1

Slaughterhouses—There are no licensed slaughterhouses in the district but adjacent authorities with slaughterhouses carry out a 100 per cent inspection of all animals killed for human consumption.

Manufacture and Sale of Ice-cream—There are 23 premises registered for the sale of ice-cream. No samples were taken during the year.

Food and Drugs Act, 1960—23 food premises were visited under the above Act and conditions were found to be satisfactory.

Shops, Offices and Railway Premises Act, 1963—49 premises are registered with the Council under this Act.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Smallpox—No cases of Smallpox have occurred in this area during the year, nor for many years.

Over 2,000 vaccination certificates were authenticated in this office during the year. It is essential that this type of work be carried out conscientiously and with due regard for the international implication of satisfactory certification.

Scarlet Fever—One case of Scarlet Fever was notified during the year.

Diphtheria, Whooping Cough and Tetanus—Routine immunisation of infants under one year of age with Triple Antigen was continued during the year. Immunisation is carried out either by the family doctor or at the County Health Department's Clinics.

Diphtheria—Has been absent from the District for many years.

Whooping Cough—No cases of Whooping Cough were recorded in 1967.

Poliomyelitis—There were no cases in the Urban District. Immunisation with Sabin Vaccine is carried out routinely at the County Health Department's Clinics and also by the family doctors.

Pneumonia—Two cases of Pneumonia were notified during the year.

Measles—As was the case in previous years, the largest number of notifications was in respect of Measles when 139 cases occurred. None were fatal and none required hospital treatment.

Gastro-Intestinal Diseases—No cases were notified.

Infectious Hepatitis—No cases were recorded.

Leprosy—The Public Health (Leprosy) Regulations, 1966 came into force on 1st March, 1966. Under these Regulations general practitioners are required to notify the Medical Officer of Health direct and not as heretofore to the Chief Medical Officer of the Ministry of Health. No notifications were received.

Tuberculosis—Two cases of Respiratory Tuberculosis were notified during the year, both were males. There was one death from Tuberculosis in 1967.

The following table shows the number of new cases and deaths :

			<i>New Cases</i>				<i>Deaths</i>			
			<i>Pulmonary</i>		<i>Non-Pulmonary</i>		<i>Respiratory</i>		<i>Non-Respiratory</i>	
			M.	F.	M.	F.	M.	F.	M.	F.
1959	...	...	—	2	—	—	2	—	—	—
1960	...	...	2	1	—	—	—	1	1	—
1961	...	...	1	—	—	—	—	—	—	—
1962	...	...	1	—	—	—	—	—	—	—
1963	...	...	2	—	—	—	1	—	—	—
1964	...	...	1	—	—	—	—	1	—	—
1965	...	...	—	—	—	—	—	—	—	—
1966	...	...	2	—	—	—	—	—	—	—
1967	...	...	2	—	—	—	1	—	—	—

Two cases were admitted to the Rushden Hospital and two discharged during the year.

The number of persons on the tuberculosis register at the end of the year was as follows :

		<i>Males</i>	<i>Females</i>	<i>Total</i>
Pulmonary	...	20	7	27
Non-Pulmonary	...	2	2	4
				<hr/> 31 <hr/>

SECTION G.

THE FACTORIES ACT, 1937, 1961

There are 47 factories on the register and 34 inspections were carried out. No notices were served. The number of outworkers on the August list was 24. No complaints were received concerning the carrying out of outwork (S. 133 and S. 134).

SECTION H.

STATISTICAL TABLES, 1967.

TABLE NO. 1

CAUSES OF DEATH, 1967.

Cause of Death	Sex	4												75 and over
		Total	Un	weeks		1 -	5 -	15 -	25 -	35 -	45 -	55 -	65 -	
		All	der	and										
		Ages	4	under										
			weeks	1 yr										
1. Tuberculosis, respiratory ...	M	1	—	—	—	—	—	—	—	—	—	—	1	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Tuberculosis, other ...		—	—	—	—	—	—	—	—	—	—	—	—	—
3. Syphilitic disease ...		—	—	—	—	—	—	—	—	—	—	—	—	—
4. Diphtheria ...		—	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough ...		—	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal infections ...		—	—	—	—	—	—	—	—	—	—	—	—	—
7. Acute Poliomyelitis ...		—	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles ...		—	—	—	—	—	—	—	—	—	—	—	—	—
9. Other infective and parasitic diseases ...		—	—	—	—	—	—	—	—	—	—	—	—	—
10. Malignant neoplasm, stomach	M	2	—	—	—	—	—	—	—	—	—	—	—	2
	F	2	—	—	—	—	—	—	—	—	1	1	—	—
11. Malignant neoplasm lung, bronchus ...	M	2	—	—	—	—	—	—	—	—	—	2	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
12. Malignant neoplasm, breast	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	1	—	—
13. Malignant neoplasm, uterus	F	1	—	—	—	—	—	—	—	1	—	—	—	—
14. Other Malignant and Lymphatic Neoplasms ...	M	1	—	—	—	—	—	—	—	—	1	—	—	—
	F	4	—	—	—	—	—	—	—	1	—	2	1	—
15. Leukæmia, aleukæmia ...		—	—	—	—	—	—	—	—	—	—	—	—	—
16. Diabetes ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	1	1	—
17. Vascular lesions of nervous system ...	M	3	—	—	—	—	—	—	1	—	1	—	1	—
	F	5	—	—	—	—	—	—	—	—	—	1	4	—
18. Coronary disease, angina ...	M	9	—	—	—	—	—	—	—	—	1	4	4	—
	F	9	—	—	—	—	—	—	—	—	3	—	6	—
19. Hypertension with heart disease ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	1	—	—	—
20. Other heart disease ...	M	5	—	—	—	—	—	—	—	—	—	—	5	—
	F	7	—	—	—	—	—	—	—	—	—	2	5	—
21. Other circulatory disease ...	M	2	—	—	—	—	—	—	—	—	1	—	1	—
	F	2	—	—	—	—	—	—	—	—	2	—	—	—
22. Influenza ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
23. Pneumonia ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
24. Bronchitis ...	M	2	—	—	—	—	—	—	—	—	—	2	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	1	—
25. Other diseases of respiratory system ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
26. Ulcer of stomach and duodenum ...		—	—	—	—	—	—	—	—	—	—	—	—	—
27. Gastritis, enteritis and diarrhœa ...		—	—	—	—	—	—	—	—	—	—	—	—	—
28. Nephritis and nephrosis ...		—	—	—	—	—	—	—	—	—	—	—	—	—
29. Hyperplasia of prostate ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
30. Pregnancy, childbirth, abortion ...		—	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital malformations ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
32. Other defined and ill-defined diseases ...	M	3	—	—	—	—	—	1	—	—	—	—	2	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
33. Motor vehicle accidents ...	M	1	—	—	—	—	—	—	—	—	1	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
34. All other accidents ...	M	1	—	—	—	—	—	—	—	—	—	—	1	—
	F	1	—	—	—	—	—	—	—	—	1	—	—	—
35. Suicide ...	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
36. Homicide and operations of war ...	M	2	—	1	—	—	1	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL : ALL CAUSES ...	M	34	—	1	—	—	1	1	1	—	5	9	16	—
	F	36	—	—	—	—	—	—	—	2	8	8	18	—

VITAL STATISTICS FOR 1967 AND PREVIOUS YEARS.

Year	Estimated Population	Births		Deaths			
		No.	Rate	Under 1 year No.	Rate	All Ages No.	Rate
1891	2,998	—	—	—	—	—	—
1901	4,340	—	—	—	—	—	—
1902	4,526	158	34.9	21	132.9	60	13.2
1903	4,728	152	32.1	23	151.3	63	13.3
1904	4,664	137	29.3	11	80.2	56	12.0
1905	4,664	150	32.1	14	93.3	55	11.7
1906	4,566	127	27.8	13	102.3	53	11.6
1907	4,600	111	24.1	13	117.1	57	12.3
1908	4,670	122	26.1	9	73.7	45	9.6
1909	4,750	98	20.6	8	81.6	44	9.2
1910	4,800	120	25.0	6	50.0	49	10.2
1911	4,630	124	26.7	17	137.0	56	12.0
1912	4,650	89	19.1	16	112.3	55	11.8
1913	4,675	108	23.1	5	46.2	39	8.3
1914	4,725	92	19.4	8	86.9	52	11.0
1915	4,790	95	20.1	15	157.8	60	12.5
1916	4,665	98	19.3	3	30.6	42	8.7
1917	4,415	56	11.2	6	107.1	50	11.2
1918	4,667	65	12.4	9	138.4	61	13.0
1919	5,011	73	13.9	6	82.1	50	9.9
1920	5,211	109	20.9	4	36.6	49	7.8
1921	4,911	90	18.3	6	66.6	47	9.5
1922	4,970	88	17.7	4	45.4	44	8.8
1923	4,956	69	13.9	6	86.9	50	10.0
1924	5,001	75	14.9	2	26.6	46	9.1
1925	4,946	77	15.5	5	64.9	57	11.5
1926	4,983	68	13.6	3	44.1	42	8.4
1927	4,934	79	16.0	3	37.8	57	11.5
1928	4,906	77	15.6	4	51.9	49	9.9
1929	4,934	74	14.9	4	54.0	55	11.1
1930	4,839	57	11.7	3	52.5	68	14.5
1931	4,715	64	13.5	4	62.8	50	10.6
1932	4,696	52	11.0	2	38.4	48	10.2
1933	4,679	63	13.4	1	15.8	61	13.0
1934	4,640	52	11.2	4	76.9	57	12.2
1935	4,547	55	12.0	3	56.3	46	10.1
1936	4,485	56	12.4	5	89.4	49	10.9
1937	4,484	67	14.9	2	29.8	54	12.0
1938	4,500	58	12.8	3	51.7	55	12.2
1939	† 4,542						
	† 4,663	70	15.4	3	42.8	49	10.5
1940	5,027	57	11.3	4	70.2	55	10.9
1941	5,237	69	13.2	6	86.9	61	11.6
1942	4,749	90	18.9	2	22.2	55	11.5
1943	4,535	86	14.8	2	23.2	60	13.2
1944	4,568	72	15.8	2	27.8	62	13.6
1945	4,427	74	16.7	4	54.1	59	13.3
1946	4,700	79	16.8	2	25.31	51	10.85
1947	4,812	85	17.64	2	23.52	59	12.26
1948	4,697	102	21.71	Nil.	—	55	11.70
1949	4,967	83	16.71	4	48.19	75	15.09
1950	4,969	83	16.68	1	12.04	47	9.65
1951	5,039	81	16.07	2	24.69	62	12.30
1952	4,996	71	14.81	Nil.	—	58	11.60
1953	5,090	79	15.52	1	12.65	47	9.23
1954	5,110	73	14.28	1	13.69	48	9.39
1955	5,100	76	14.90	Nil	—	53	10.39
1956	5,100	67	13.13	3	44.77	71	13.92
1957	5,080	60	11.81	2	33.33	55	10.82
1958	5,140	73	14.20	2	27.39	48	9.33
1959	5,160	65	12.59	1	15.38	57	11.04
1960	5,210	65	12.47	4	61.53	61	11.70
1961	5,170	66	12.76	1	15.15	61	11.79
1962	5,210	75	14.39	1	13.33	62	11.90
1963	5,200	91	17.50	1	10.98	54	10.33
1964	5,160	85	16.47	—	—	41	7.94
1965	5,180	76	14.69	—	—	49	9.46
1966	5,230	103	19.69	1	9.70	63	12.04
1967	5,290	120	22.68	1	8.0	70	13.2

† Population for calculation of Birth-rate.

† Population for calculation of Death-rate.

TABLE NO. 3.

Prescribed particulars on the administration of the Factories Act, 1961,
for the year, 1967

PART I OF THE ACT

1. —Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors)

<i>Premises</i>	<i>Number on Register</i>	<i>Number of</i>		
		<i>Inspections</i>	<i>Written notices</i>	<i>Occupiers prosecuted</i>
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	4	3	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	39	13	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	4	7	—	—
TOTAL ...	47	23	—	—

2.—Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Sanitary Conveniences (S.7) :					
Want of cleanliness (S.I.) ...	—	—	—	—	—
(a) insufficient ...	—	—	—	—	—
(b) Unsuitable or defective ...	—	—	—	—	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences against the Act (not including offences relating to outwork) ...	—	—	—	—	—
TOTAL ...	—	—	—	—	—

PART VIII OF THE ACT

Outwork (Sections 133 and 134)

<i>Nature of Work</i>	<i>Section 133</i>			<i>Section 134</i>		
	<i>No. of out-workers in August list required by Sect. 110 (1) (c)</i>	<i>No. of cases of default in sending lists to the Council</i>	<i>No. of prosecu- tions for failure to supply lists</i>	<i>No. of instances of work in unwhole- some premises</i>	<i>Notices served</i>	<i>Prosecu- tions</i>
Wearing Apparel—						
Making, etc. ...	17	—	—	—	—	—
Cleaning and						
washing ...	—	—	—	—	—	—
Stuffed Toys ...	7	—	—	—	—	—
TOTAL ...	24	—	—	—	—	—

TABLE NO. 4.

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES.
(Other than Tuberculosis) 1967.

<i>Disease</i>	January	February	March	April	May	June	July	August	September	October	November	December	Total
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	—	—	1	—	—	—	—	—	—	—	—	—	1
Pneumonia ...	—	—	2	—	—	—	—	—	—	—	—	—	2
Measles ...	—	3	119	17	—	—	—	—	—	—	—	—	139
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS ...	—	3	122	17	—	—	—	—	—	—	—	—	142

TABLE NO. 5.

AGE INCIDENCE OF NOTIFIABLE DISEASES.
(Other than Tuberculosis) 1967.

<i>Disease</i>	—1	—2	—3	—4	—5	—10	—15	—20	—35	—45	—65	65 +	All Ages Removed to Hospital	Deaths
Scarlet Fever ...	—	—	—	—	—	1	—	—	—	—	—	—	1	—
Pneumonia ...	—	—	—	—	—	—	—	—	—	2	—	—	2	—
Measles ...	—	15	12	31	15	66	—	—	—	—	—	—	139	2
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Infective Hepatitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS ...	—	15	12	31	15	67	—	—	—	2	—	—	142	2

TABLE NO. 6.

NEW CASES OF AND DEATHS FROM TUBERCULOSIS, 1967.

Age Periods	NEW CASES.				DEATHS.			
	Respiratory.		Non-respiratory.		Respiratory.		Non respiratory.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
— 1	—	—	—	—	—	—	—	—
— 5	—	—	—	—	—	—	—	—
—15	—	—	—	—	—	—	—	—
—25	—	—	—	—	—	—	—	—
—35	—	—	—	—	—	—	—	—
—45	—	—	—	—	—	—	—	—
—55	—	—	—	—	—	—	—	—
—65	1	—	—	—	—	—	—	—
65+	1	—	—	—	1	—	—	—
TOTALS	2	—	—	—	1	—	—	—

TABLE NO. 7.

Total quantities of crude sewage treated at the sewage disposal works each year.

1950	...	...	...	...	63,753,000 gallons
1951	...	...	...	...	95,486,000 gallons
1952	...	...	...	...	85,346,000 gallons
1953	...	...	...	...	77,348,000 gallons
1954	...	...	...	...	84,648,000 gallons
1955	...	...	...	...	75,170,000 gallons
1956	...	...	...	...	84,320,000 gallons
1957	...	...	...	...	98,449,000 gallons
1958	...	...	...	...	109,723,000 gallons
1959	...	...	...	...	99,898,000 gallons
1960	...	...	...	...	115,727,000 gallons
1961	...	...	...	...	96,758,000 gallons
1962	...	...	...	...	109,883,000 gallons
1963	...	...	...	...	125,228,500 gallons
1964	...	...	...	...	132,456,000 gallons
1965	...	...	...	...	123,320,000 gallons
1966	...	...	...	...	141,680,000 gallons
1967	...	...	...	...	140,306,000 gallons

